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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

Complete if Known 10/613,612 **Application Number** July 3, 2003 Filing Date First Named Inventor Robert L. Steadman Art Unit 3662 1000 **Examiner Name** UGS03-01 Attorney Docket Number

Sheet U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or **Publication Date Document Number** Examiner Cite Relevant Passages or Relevant Applicant of Cited Document MM-DD-YYYY Initials* Figures Appear Number-Kind Code² (# known) ^{US-} 4,232,194 Robert H. Adams 11/04/1980 ИL Barrick, et al. 11/01/1994 ^{US-} 5,361,072 Anthony Peter Russo 01/09/2001 US-6,173,074 05/15/2001 Hibma, Richard A. US- 6,231,002 Timothy, et al. 04/02/2002 ^{US-} 6,366,240 02/27/2003 Thomas H. Greer US-2003/0038741 Richard T. Redano 03/04/2003 US-6,527,222 سا تنا US-US-US-IIS-US-US-US-US-US-US-US-US-

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	76
		Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	<u> </u>
エジレ		GB2342983	04-26-2000			<u> </u>
		GB2380244	04-02-2003			
\neg		EP1455199	09-08-2004			
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		WO2004/109251	12-16-2004			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/613,612	
Filing Date	July 3, 2003	
First Named Inventor	Robert L. Steadman	
Art Unit	3462	
Examiner Name	Losso	
Attorney Docket Number	LIGS03-01	

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55°		R.T. PRETTY, et al., "Jane's Weapon Systems 1974-1975", JANE'S YEARBOOKS, LONDON, XP002339028.	:		
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